

IN THE CLAIMS

The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

Claim 1 (currently amended): A copying machine including an image reading unit and an image output unit for printing an image read by the image reading unit, said copying machine comprising:

a network interface for connecting said copying machine to a network;

search means for searching a plurality of image output apparatuses connected to the network;

obtaining means for obtaining a state of each image output apparatus;

operation means for displaying a plurality of searched image output apparatuses connected to the network and a state of each searched image output apparatus, and for inputting a user instruction according to the displayed states for selecting an image output apparatus, for which calibration is performed, from the displayed plurality of image output apparatuses;

pattern output means for causing the selected image output apparatus to output a predetermined test pattern;

correction data generation means for generating correction data for the selected image output apparatus, based on test pattern data obtained from said image reading unit which reads the predetermined test pattern outputted by the selected image output apparatus; and setting means for setting the generated correction data as correction data for the selected image output apparatus.

Claim 2 (previously presented): A copying machine according to claim 1, wherein said setting means registers the data generated by said correction data generation means in the image output apparatus through the network.

Claim 3 (previously presented): A copying machine according to claim 1, wherein at least one image output apparatus, which is connected to the network, performs printing by means of an electro-photographic system.

Claim 4 (previously presented): A copying machine according to claim 1, wherein at least one image output apparatus, which is connected to the network, performs printing by means of an ink jet system.

Claim 5 (previously presented): A copying machine according to claim 1, wherein the predetermined test pattern includes a plurality of patterns each of which consists of a plurality of units for reading, each unit differing in an image output condition, and units having the same image output condition between the plurality of patterns have different relative positions in the predetermined test pattern.

Claims 6-8 (canceled)

Claim 9 (currently amended): An image processing system A copying machine according to claim 1, wherein said pattern output means causes a plurality of image output apparatuses selected by said operation means to output respective predetermined test patterns at the same time.

Claim 10 (currently amended): An image processing system A copying machine according to claim 1, wherein said pattern output means causes a plurality of image output apparatuses selected by said operation means to output the predetermined test pattern and identification information for identifying each image output apparatus outputting the predetermined test pattern together.

Claim 11 (currently amended): An image processing system A copying machine according to claim 10, wherein said correction data generation means specifies an image output apparatus according to the identification information and controls an image output condition of the image output apparatus specified.

Claim 12 (currently amended): An image processing system A copying machine according to claim 11, wherein said image reading unit reads respective predetermined test patterns outputted by the plurality of image output apparatuses at one time and said correction data generation means specifies an image output apparatus according to the identification information read together with the predetermined test pattern.

Claim 13 (currently amended): An image processing system A copying machine according to claim 12, wherein the identification information includes a series of symbols as the identification information.

Claim 14 (currently amended): An image processing system A copying machine according to claim 12, wherein the identification information includes a barcode as the identification information.

Claim 15 (currently amended): An image processing system A copying machine according to claim 12, wherein the identification information includes a network address of the image output apparatus connected to the network.

Claims 16 and 17 (canceled)

Claim 18 (currently amended): An image processing system A copying machine according to claim 1, wherein said operation means searches the plurality of image output apparatuses, and displays identification information for identifying the image output apparatuses in a list formation, wherein an image output apparatus is selected from the displayed list.

Claims 19-30 (canceled)

Claim 31 (currently amended): An image processing method of controlling a copying machine including an image reading means and an image output unit, connected to a plurality of image output apparatuses via a network, performing image processing using the image reading means, said method comprising:

a first control step of controlling an operation of each of the plurality of

image output apparatuses connected to the network;

 a specifying step of specifying at least one image output apparatus, for which calibration is to be performed, from the plurality of image output apparatuses, wherein said specifying step includes a search step of searching the plurality of image output apparatuses, an obtaining step of obtaining a state of each image output apparatus, a display step of displaying an identification information for identifying the image output apparatuses searched in said search step in a list formation and a state of each searched image output apparatus, and an operation step of selecting one of the image output apparatuses from the list displayed in said display step, in accordance with the displayed states; and

 a second control step of controlling an image output condition for the specified image output apparatus, based on data read by the image reading means.

Claim 32 (canceled)

Claim 33 (previously presented): An image processing method according to claim 31,

 wherein said first controlling step controls the plurality of image output apparatuses connected to the network to output respective predetermined test patterns at the same

time,

wherein said specifying step specifies a relationship between the outputted predetermined test pattern and the image output apparatus outputting the predetermined test pattern, and

wherein said second control step controls the respective image output conditions of the plurality of image output apparatuses, based on the specified relationship and data of the predetermined test pattern read by the image reading means.

Claims 34-37 (canceled)

Claim 38 (currently amended): A copying machine including an image reading unit and an image output unit for printing an image read by the image reading unit, said copying machine comprising:

a network interface for connecting said copying machine to a network;

a search section adapted to search a plurality of image output apparatuses connected to the network;

an obtaining section adapted to obtain a state of each image output apparatus;

an operation section adapted to display a plurality of searched image output

apparatuses connected to the network and a state of each searched image output apparatus, and to input user instructions for selecting an image output apparatus, for which calibration is performed, from the displayed image output apparatuses;

 a pattern output section adapted to cause the selected image output apparatus to output a predetermined test pattern;
 a correction data generation section adapted to generate correction data for the selected image output apparatus, based on test pattern data obtained by from said image reading unit which reads the predetermined test pattern outputted by the selected image output apparatus;
and

 a setting section adapted to set the generated correction data as correction data for the selected image output apparatus.

Claim 39 (currently amended): An image processing method of controlling a copying machine including an image reading unit and an image output unit, said method comprising the steps of:

 searching a plurality of image output apparatuses connected via a network;
 obtaining a state of each image output apparatus;
 displaying the plurality of image output apparatuses searched in said search step

and a state of each searched image output apparatus;

inputting user instructions according to the displayed states for selecting an image output apparatus, for which calibration is performed, from the displayed plurality of image output apparatuses;

causing the selected image output apparatus to output a predetermined test pattern;

generating correction data for the selected image output apparatus, based on test pattern data obtained from the image reading unit which read the predetermined test pattern outputted by the selected image output apparatus; and

setting the generated correction data as correction data for the selected image output apparatus.

Claim 40 (currently amended): A memory medium storing a program readable by an information processing apparatus for implementing a method of controlling a copying machine including an image reading unit and an image output unit, the method comprising:

a search step of searching a plurality of image output apparatuses connected via a network;

an obtaining step of obtaining a state of each image output apparatus;

a display step of displaying the plurality of image output apparatuses searched in said search ~~code~~ step and a state of each searched image output apparatus;

a reception step of receiving an input according to the displayed states from a user for selecting an image output apparatus, for which calibration is performed, from the displayed plurality of image output apparatuses;

an output step of causing the selected image output apparatus to output a predetermined test pattern;

a generation step of generating correction data for the selected image output apparatus, based on test pattern data obtained from the image reading unit, which read the predetermined test pattern outputted by the selected image output apparatus; and

a setting step of setting the generated correction data as correction data for the selected image output apparatus.